



PERFILES COMERCIALES SIGOSA S.A. DE . C.V.

Calzada Vallejo No. 1361 Local H. Nueva Industrial Vallejo Mexico, D.F. C.P. 07700
Almacén Matamoros Tel. (838)150-1900 al 29 Fax. (868)150-19-53 y 54

Certificado de Calidad de Pruebas Físicas y Químicas (Mill Test Report)

Información del Cliente / Client Information :

PLESA ANAHUAC Y CIAS, S.A. DE C.V.

Orden / Order:59471

Certificado / Certificate: B59297

Fecha / Date:12/04/2019 12:40 PM

Fecha Impresión / Print Date:12/04/2019 14:50 PM



| # | SERIE | PRODUCTO | COLADA | GRADO | *LE | *UT | PE | LE/UT | C | Mn | Si | P | S | Cu | Cr | Ni | Mo | Sn | V | Nb | Al | CEQ |
|----|---------------|------------------|--------------|-------------|-------|-------|-----|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| # | SERIAL | PRODUCT | HEAT | GRADE | *YS | *TS | %EL | (YS/TS) | | | | | | | | | | | | | | |
| 1 | 1201901212009 | SOL 2 x 1/4 20ft | 000000190077 | A36/A529-50 | 55300 | 72300 | 30 | 0.76 | .173 | .853 | .202 | .018 | .036 | .377 | .125 | .12 | .034 | .014 | .001 | .002 | .001 | .414 |
| 2 | 1201904102011 | SOL 2 x 1/4 20ft | 000000190227 | A36/A529-50 | 53200 | 74500 | 30 | 0.71 | .182 | .888 | .228 | .018 | .03 | .364 | .099 | .115 | .03 | .015 | .001 | .003 | .002 | .426 |
| 3 | 1201904102004 | SOL 2 x 1/4 20ft | 000000190227 | A36/A529-50 | 53200 | 74500 | 30 | 0.71 | .182 | .888 | .228 | .018 | .03 | .364 | .099 | .115 | .03 | .015 | .001 | .003 | .002 | .426 |
| 4 | 1201904102003 | SOL 2 x 1/4 20ft | 000000190227 | A36/A529-50 | 53200 | 74500 | 30 | 0.71 | .182 | .888 | .228 | .018 | .03 | .364 | .099 | .115 | .03 | .015 | .001 | .003 | .002 | .426 |
| 5 | 2201904101036 | ANG 3 x 1/4 20ft | 000000190399 | A36/A529-50 | 55200 | 73600 | 30 | 0.75 | .202 | .872 | .196 | .017 | .034 | .337 | .127 | .093 | .025 | .022 | .001 | .003 | .002 | .439 |
| 6 | 1201904101009 | SOL 2 x 1/4 20ft | 000000190739 | A36/A529-50 | 53100 | 73500 | 30 | 0.72 | .191 | .867 | .188 | .018 | .031 | .407 | .136 | .134 | .033 | .017 | .001 | .004 | .002 | .437 |
| 7 | 1201904093037 | SOL 2 x 1/4 20ft | 000000190738 | A36/A529-50 | 53100 | 73500 | 30 | 0.72 | .177 | .87 | .2 | .015 | .031 | .374 | .14 | .119 | .033 | .014 | .001 | .003 | .002 | .423 |
| 8 | 1201904093003 | SOL 2 x 1/4 20ft | 000000190737 | A36/A529-50 | 53100 | 74100 | 30 | 0.72 | .167 | .872 | .165 | .015 | .031 | .369 | .141 | .114 | .039 | .014 | .001 | .003 | .002 | .408 |
| 9 | 1201904062015 | SOL 2 x 1/2 20ft | 000000190962 | A36/A529-50 | 51200 | 72200 | 29 | 0.71 | .18 | .853 | .186 | .024 | .029 | .416 | .138 | .154 | .037 | .018 | .001 | .004 | .002 | .426 |
| 10 | 1201904062016 | SOL 2 x 1/2 20ft | 000000190962 | A36/A529-50 | 51200 | 72200 | 29 | 0.71 | .18 | .853 | .186 | .024 | .029 | .416 | .138 | .154 | .037 | .018 | .001 | .004 | .002 | .426 |
| 11 | 1201904062017 | SOL 2 x 1/2 20ft | 000000190962 | A36/A529-50 | 51200 | 72200 | 29 | 0.71 | .18 | .853 | .186 | .024 | .029 | .416 | .138 | .154 | .037 | .018 | .001 | .004 | .002 | .426 |
| 12 | 1201904061072 | SOL 2 x 1/2 20ft | 000000190960 | A36/A529-50 | 50100 | 72300 | 30 | 0.69 | .187 | .865 | .173 | .021 | .027 | .359 | .098 | .124 | .029 | .017 | .001 | .003 | .002 | .418 |
| 13 | 1201904061073 | SOL 2 x 1/2 20ft | 000000190960 | A36/A529-50 | 50100 | 72300 | 30 | 0.69 | .187 | .865 | .173 | .021 | .027 | .359 | .098 | .124 | .029 | .017 | .001 | .003 | .002 | .418 |
| 14 | 1201904083034 | SOL 2 x 3/8 20ft | 000000191022 | A36/A529-50 | 53500 | 73300 | 30 | 0.73 | .187 | .877 | .176 | .014 | .01 | .339 | .079 | .117 | .027 | .013 | .001 | .002 | .002 | .414 |
| 15 | 1201904083036 | SOL 2 x 3/8 20ft | 000000191021 | A36/A529-50 | 52100 | 71400 | 30 | 0.73 | .165 | .839 | .201 | .011 | .018 | .262 | .057 | .093 | .026 | .011 | .001 | .001 | .03 | .379 |
| 16 | 1201904083039 | SOL 2 x 3/8 20ft | 000000191021 | A36/A529-50 | 52100 | 71400 | 30 | 0.73 | .165 | .839 | .201 | .011 | .018 | .262 | .057 | .093 | .026 | .011 | .001 | .001 | .03 | .379 |
| 17 | 1201904083038 | SOL 2 x 3/8 20ft | 000000191021 | A36/A529-50 | 52100 | 71400 | 30 | 0.73 | .165 | .839 | .201 | .011 | .018 | .262 | .057 | .093 | .026 | .011 | .001 | .001 | .03 | .379 |

*Las unidades expresadas en L.E. y U.T son en PSI. La composición química esta expresada en % en peso.

*The units expressed in L.E and U.T are in PSI. The chemical composition is expressed in % in weight.

Certificamos que el producto aquí descrito, cumple y ha sido fabricado, muestreado, probado e inspeccionado de acuerdo con los requisitos aplicables de la especificación:

2013: ASME SA36;ASME SA-6/SA-6M;A36;

2014: ASTM A6/ A6 M-13;A529 / A529M; ASTM A370 - 12a

We certify that the product above mentioned accomplishes and has been manufactured, sampled, tested and inspected in accordance with applicable requirements of specifications:

ASTM A6/ A6 M-13 a (2014); A36; A529 / A529M;

ASME SA-6/SA-6M; ASTM A370 - 12a (2014); ASME SA36.

Gerente de Aseguramiento de Calidad

En SIGOSA, SA DE CV nos comprometemos a satisfacer las expectativas y requerimientos de nuestros clientes, Mediante un sistema de Gestión de Calidad, la mejora continua de nuestros productos, el uso eficiente de los recursos, y la participación individual y de equipo de todo su personal.

FOR-CAL-CAL-001 REV. 4 OCTUBRE 2014.